United States Patent [19] Falconer (54) HAND BOARD

14 Years [21] Appl. No.: 29/081,544 [22] Filed: Jan. 5, 1998 [51] LOC (6) Cl. ____ [52] U.S. Cl. ____ [56] Field of Search _

U.S. PATENT DI

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D. 252,477 12/1981 Levels ...

D. 252,477 11/1981 Levels ...

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D. 252,880 4/1982 Cole ...

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D. 252,541 14/199 Herels

D. 252,547 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14/199 14

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| | Patent Number: | | | | |
| [45] | Date of Patent: | ** Jul. 20, 195 | | | |
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|-----------|---------|-----------------------|
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| | | Richard |
| 4,509,744 | 4/1985 | Bearley 272/116 |
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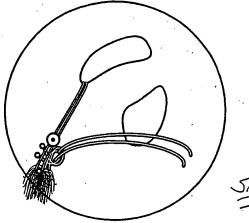
| Primary Examiner—Kay | H. Chia | | | | |
|-------------------------|------------|--------|--------|---|-------|
| [57] | CLAIM | | | | |
| I claim the omemorals o | design for | s baod | board, | 4 | shows |

| DESCRIPTION |
|--------------|
| Descript HOU |

| FiG. 1 is a side elevational view of my hand board showing |
|------------------------------------------------------------|
| |
| an transcribing condition. |
| FIG. 2 is a top plan where of ERG. 1 |

| FIG. 3 is a top plan view of the safety jesse' with slider ball |
|-----------------------------------------------------------------|
| and a knot on the cod. |
| FIG. 4 is a top plan view of the wrist cord with a knot on |
| such end. |
| FIG. I is a top plan view of my hand board in an assembled |

1 Claim, 2 Drawing Shorts





| United | States | Patent | (19) |
|----------|--------|--------|------|
| Falconer | | | |

| [54] | HAND B | OARD | 3,742 4,233 |
|-------------|-----------|-------------------------------------------------------------|---------------------------|
| [76] | Inventor: | Gles Palconer, 325 S. Washington #148, Kent, Wash. 98032 | 4,473, 4,509, 4,669 |
| [**] | Term: | 14 Years | 4913 5,147 |
| [21] | Appl. No. | : 29/081,543 | Primary I |
| [22] | Filed: | Jan. 5, 1998 | [57] |
| [51] | LOC (6) | Ci 21- 44 | I claim ti |

| 51] | LOC (6) Cl 21-06 |
|-----|------------------------------|
| 521 | U.S. Cl D21/807; D21/806 |
| | Field of Search D21/801-810; |
| , | 441/56, 57, 58, 61-64 |
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| 8/1991 | Herting D21/237 | | | | |
| 11/1991 | Albreck D21/239 | | | | |
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| | Girden | | | | |
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| 1451 | Date of Patent: | In | l. 27. 1999 | | | |

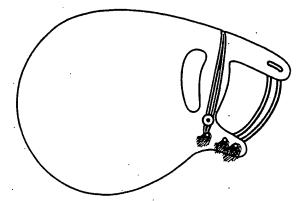
| [45] | **C 01 1 | ***** | Jen 27, | |
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| 4.913.418 | | Schlester et pl | |
| \$,147,233 | | Flamesh 441/56 | |
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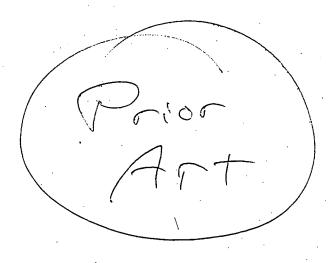
| [57] | CLAIM | |
|-------------|------------------------------------|-------|
| I claim the | omamental design for a hand board. | shows |

| FIG. 1 is a side elevational view of my b | breed board | sbowin |
|---------------------------------------------|-------------|----------|
| us ususembjed condition. | | |
| FIG. 2 is a top plan view of FIG. 1. | | |
| FIG. 3 is a top plan view of the safety jes | e' with si | ider bal |

1 Claim, 2 Drawing She



Coastin' in the Shade



United States Patent [19]

| [54] | RAND B | DARD |
|------|-----------|-------------------------------------------------------------|
| [76] | lavestor: | Gles Felconer, 325 S. Westington #148, Kent, Wash. 98032 |

| [76] | lavestor: | Gless Falconer, 325 S. Washington #148, Kant, Wash, 98032 |
|------|-----------|--------------------------------------------------------------|
| [**] | Term | 14 Years |

| [21] | White uner | 12/m1/242 |
|------|------------|---------------------------|
| [22] | Filed: | Jan. 5, 1998 _. |
| (511 | LOC (O.C. | 2 |

Falconer

| [31] | DUC (6) CL | 214 |
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| [52] | U.S. Cl | D21/807; D21/60 |
| | Field of Search | |
| | | 441/56, 57, 58, 61-4 |
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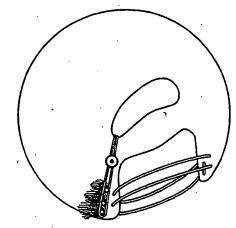
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| D. 300,341 | 3/1989 | Bros | D21/23 |
| D. 318,894 | 6/1991 | Harling | D21/21 |
| D. 321,547 | 11/1991 | Alberta | D21/23 |
| D. 379.613 | 9/1992 | Rosen, A | DOI/Z |
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| (45 |) Da | te of I | atent: | ** | Jul. 27, 19 | 99 |
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| ٠ 4 | 509,744 | 4/1985 | Bearing | | 272 | 116 |
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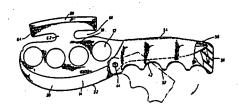
| Primary Examiner - Kay | H. Chin | |
|------------------------|---------|--|
| (57) | CLAIM | |

1 Clein, 2 Drawing Shorts





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20 Claims, 3 Drawing Figures

| United | States | Patent | [19] |
|---------|--------|--------|------|
| Moreire | | | |

[54] MULTI-PUNCTIONAL HAND TOOL [76] Inventor: Antonio Moreira, 17 Geil Rd., Merrimeck, N.H. 03054

[21] Appl. No.: 819,429

[22] Filed: Mar. 17, 1997

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(45) Date of Patent:

Nov. 3, 1998

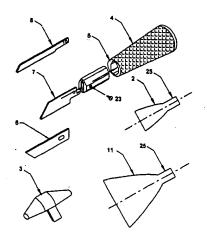
-Daid Scherbel

Assisters Examiner—Joni B. Denganno Anormy, Agent, or Firm—Scott B. Gas Garrison PLLC [57]

ABSTRACT

A multi-functional hand tool is provided having a handle portion to be held by a user. The handle portion is made to noceive a plurally of different types of tool stanchments. To accurate these tool attachments, a plurality of aton are machined into an attachment portion of the hand tool. The stanchment portion is simply a rigid element which case receive metals and siddle. in and rigidly secure one of the tool atte within one of the shots. The slore are sized diffe within one of the abox. The abox are aixed differently to accommendate various marketed tool attachments, such as jig saw blades, reciprocating saw blades, utility knives, et. al. Further, puty knives, and striking implements can be mode baseling a suitable tage for caugating one of the slots. The devices in meant to be used as an all purpose sawing, cutting, scraping, spreading and striking implements which would replace a great deal of supensive tools commonly needed by apartment dwellers, students, and "do-is-yourselfers".

5 Claims, 5 Drawing Shorts



United States Patent [19] Magan

[34] HANDTOOL

[76] Inventor: Arthur S. C. Magan, 15, Heytesbury Lene, Dublin 4, Ireland [**] Term: 14 Years

[21] Appl. No.: 461,466

[22] Filed: Jun. 27, 1983 [52] U.S. Cl. _______ DB/105; D2/52 [58] Field of Search ______ DE/51, 52, 54-60, D4/25, 26, 14, 104, 105, 105, 95; 7/118, 119, 129, 112, 142, 163, 164, 166, 167

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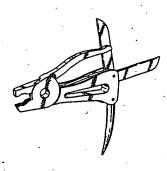
1411836 10/1975 United Kingdom OTHER PUBLICATIONS

Radio Shack Corp. Mail Order Brochura. 1/21/1935, 3 Blade Gripper/Catter, No. R-1275. Frimary Examiner—Sussa J. Lucas Austicast Examiner—C. E. Hellin Attorney, Agent, or Firm—Young & Thompson

CLAIM The ornamental design for a handtook, substantially as shown and described.

FIG. 1 is a perspective view of the handroof showing my new design with the various components shown in the open position; PIO. 2 is a side view from the right hand side of the handroof showing my new design with the various components shown in the closed position.

FIG. 3 is a side view from the left hand side thereof; FIG. 5 is a pottom view thereof; FIG. 5 is a bottom view thereof; FIG. 6 is a frost view thereof; FIG. 6 is a frost view thereof; and FIG. 6 is a frost view thereof; and FIG. 7 is a rest view of the handstool of my new design.



United States Patent [19]

Anderson et al.

[54] TROWEL AND SCREWDRIVER COMBINATION HANDTOOL

Stora: Wayne Anderson, 65 Grove St.; Paole Cassetti, 8 N. Crock Rd., both of Northport, N.Y. 11768

[21] Appl. No.: 09/436,894

(22) Filed: Nov. 9, 1999

[51] Lnt. Cl." ______ [52] U.S. Cl. _____ [58] Pleld of Search _____

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(11) Patent Number: 6,131,222

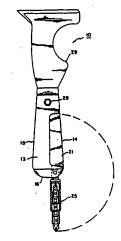
Oct. 17, 2000 [45] Date of Patent:

Ensenier-David A. Scherbel

Examiner-Lee Wilson
Agout, or Firm-Lackenbach Siegel

& Gesenspan, P.C.

15 Claims, 3 Drawing Shoets

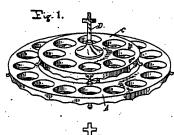


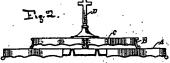
DESIGN.

E. J. HOWE.

No. 23,901.

Patented Dec. 25, 1894:





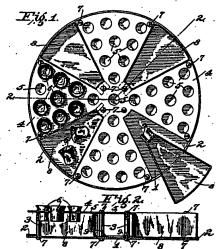
Witnesses. Celemensen Invertor
Edwin J. House,

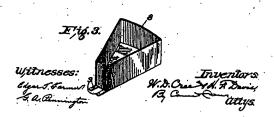
S. S. Bason

W. D. OREE & H. P. DAVIR. COMMUNICS SERVICE. APPLICATION FILED COT. 1, 1018.

982,351.

Patented Jan 24, 1911

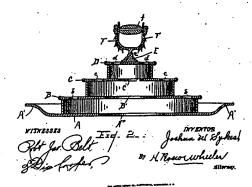




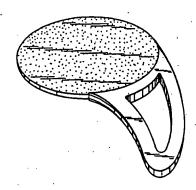
DESIGN.

J. W. SYKES. COMMUNION SERVICE TRAY.

No. 26,061. Patented Sept. 22, 1896.



| fled States Patent (19) | | | tates Patent (19) | | [11] Des. 255,137 [45] May 27, 1980 |
|-------------------------|------|----------------------------------|--------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1 | 1941 | TABLE T | NNIS PADDLE | (34) | References Cited |
| II | | | | | reion patent documents |
| ŗ | [76] | lavestor: | John J. Bowes, 419 E. Chapman St., Ely, Minn. 55731 | 2100234 25371 | 1/1972 Ped. Rep. of Germany |
| _ | [**] | Tenn: | 14 Years | Primary En Attorney, A. | eminer - Metvin B. Peifer past, or FirmNorman P. Priederichs |
| | | | | UTI | CLAIN . |
| | (21) | Appl No. | 839,315 | The orman | ental design for a table tennis paddle, as described. |
| | [22] | Filed: | Sep. 29, 1977 | | DESCRIPTION |
| | 1111 | int Ct U.S. Ct Fleid of So | | showing m FIG. 2 is a | s perspective view of a table transis paddle y new design. side view; and s top view the bottom view being a mirror |

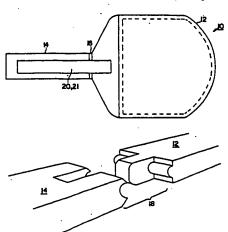


Aug. 18, 1992

United States Patent [19]

McPoyle

III H.C.



| United States Patent [19] | [11] 4,324,400 | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tse · | [45] Apr. 13, 1982 | |
| TABLE TENNIS BAT BLADE Jackson Ta, Bellevue, Wash. Anignee: EST Industries, Inc., Wash. Apri. No.: 44,553 Filed: Aug. 8, 1979 ASS 59,04 JUS. C | FOREIGN PATENT DOCUMENTS 2014218 10/1976 Fed. Rep. of Germany 273. 201220 2/1977 Fed. Rep. of Germany 273. P98116 3/1917 France 273. 17000 6/1977 United Kingdom 273. 184436 3/1979 United Kingdom 273. OTHER PUBLICATIONS "Research Disclosure"; Disclosure No. 11686, D. 1971. Primary Examples Richard J. Anley | |
| 273/23, 67 R, 67 A, 67 D Selvences Cited | Attorney, Agent, or Pros—Graybeal & Uhlir [37] ABSTRACT | |
| U.S. PATENT DOCUMENTS 2.201,138 4/1969 Server 271/77 F X A31,431 1/972 Berthell et al. 271/77 F X A34,140.00 9/1971 Kathell et al. 271/77 F X A37,100 9/1971 Zenline et al. 271/77 F X A37,101 1/1974 Selver 271/77 F X A37,173 9/1974 Rankinoto et al. 271/77 F X A37,173 9/1975 Forthe et al. 271/77 F X A37,173 9/1976 Lenker 21 | The blade for a table tennis but includes a layer of light- weight, low modulus of districty material positioned centrally with respect to the thickness of the blade and overside by a constraining layer of high modulus of clasticity material. The blade also includes a smooth, rigid outer layer bonded to the outer surfaces of the two constraining layers. The constraining layers are com- posed of strends of stretch resistant material woven transversely to each other to form a thin mar- | |



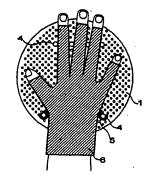
| (12) United | States | Patent |
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| Mizeracki | et al. | |

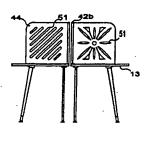
US 6,234,919 B1 May 22, 2001

| (54) | TABLE TENNIS HANDLE-LESS RACQUET AND MULTIPURPOSE COMBINATION TABLE |
|------|---------------------------------------------------------------------------|
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(ZZ) Filed:

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| Ì | 7 | ited S | tates Patent [19] |
|----------|--------------|-------------|-------------------------------------------------------------------------------|
| | _ | | IT WIND INDICATION DEVICE |
| | [76] | Laventors | Michael L. Perretta, 4896 Fayettaville Manilus Rd., Manilus, N.Y. 13104 |
| A | (21) | Appl No. | 774,525 |
| • | [22] | Filed: | Mar, 4, 1977 |
| | [51] [52] | DR. CC | GDIW 1/0 73/189; 114/114 8 |
| | [58] | Pieté of Se | |

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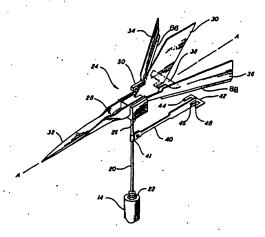
orge B. A. Halvosa sue D. Sotelo ---Charles S. Mo Ouir [45] Mar. 28, 1978

ABSTRACT

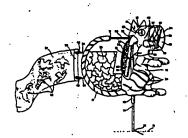
A device for mounting on a millions to provide a visual indication of the optimum boat-to-wind angle to exclieve examine distance per unit of time to windward. A pivotally mounted what was function a pair of

schieve maximum distance per unit of time to windward. A pivotilar pometed wind vase include a pair of flexible struit metanding outwardly at equal sugles on each side of the wase centerflies and are defected from a normal, unflexed position inwardly in proportion to apparent wind velocity. A flexible demasted member is affixed at one and to the support upon which the vane is physolally mounted and in literate flexed in scorreince with apparent wind direction and velocity. Storring the bost to bring the filedible momber into predictermand positional relationship to one of the flexible struit pervision and control of the structure of the struit of the convident and extent optimization, for sayshed ravel, or

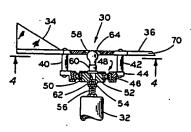
10 Claims, 8 Descripe Flowers



| United States Patent [19] | (11) Patent Number: 4,656,770 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nuttle | [45] Date of Patent: Apr. 14, 1987 |
| (34) BURD REPELLING MEANS | POREIGN PATENT DOCUMENTS |
| [76] Inventor: David A. Nattle, Rin. 2, Youngaville, N.C. 27396 | 2338294 2/1975 Ped. Rep. of Germany |
| [21] Appl. No.: 791,989 | Primary Examinar - Nicholas P. Godici |
| [22] Filed: Oct. 23, 2985 | Animan Brandsor-Carmine Cada Attorney, Agent, or Firm-Mills & Cours |
| [51] het CL4 A81M 29/04 | (57) ABSTRACT |
| [32] U.S. C. 48/71; 46/178; 44/213; 116/21 A; 43/7 [31] Field of Search 43/2, 1; 116/21 A; 21, 116/24, 140, 141; 446/176, 171; 311, 216, 40/440, 435 | This invention is a combination of visual and sural de- vices to create pasts in selected their species. This is accomplished in part through a body simulating a Tiger Cut which is weatherwess mounted. The body includes in the company surpers and thes preclasorly eyes. Streamers |
| (56) References Clind | depicting passions birds are attached to the tiger's tail and an internal wind driven flute produces a variety of |
| U.S. PATENT DOCUMENTS | the scient. Additionally, reflectors are used on a propel- |
| 133,611 1/1306 Daveggio 446/213 X 1,167,532 1/1916, Briffman et al. 40/435 1,441,230 1/1932 Palons 40/435 1,743,762 4/1937 Wright 116/21 A 2,943,197 6/1930 Marrott 116/22 A 2,441,378 1/1936 Lemin et al. 116/22 A | let to aissuitate light reflection from a gan barrel. Per- ther, random or inhedited explaines from an auto- matic acceptance exploser and bird warning and discrea- calls are broadcast over load speakers for the species of birds being repelled. |
| 4,131,079 12/1978 Rossess, Jr. et al | 24 Claims, 6 Drawing Pigurus |

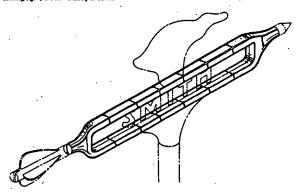


| United States Patent [19] Birabaum | (ii) Patent Number: 4,522,0 (45) Date of Patent: Jun. 11. 19 | |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| [54] WINDVANE [76] Inventor: Samuel Birnhaum, 11 Shadow Grove La., Holbrook, N.Y. 11741 | 4064.121 1/1979 Bringbarrs | |
| [21] Appl. No.: 224,460 [22] Filed: Jan. 12, 1981 [51] Int. Ct.3 | 201343 9/1979 United Kingdom | |
| Field of Search | A plentifates or similar plastic windvane that has beyinded peripheral edges or is otherwise provided with surface markings from which light may impinging thereoe still from the plentifates cassing illumination of the edges or markings, whereby the windvane is efficiently used at night or under conditions of diminished visibility to decignate wind direction. 2 Claims, 5 Drawing Figures | |

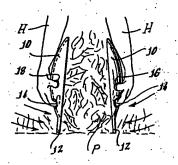


| United States Patent [19] | (II) Lattert Limiter: They 23.1 to 12 | | | |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Frontz, II | (45) Date of Patent: ••Mar. 10, 1998 | | | |
| (54) WEATHERVANE SUPPORT | [J7] CLAIM | | | |
| [76] Inventor: Walter James Freetz, IL 2552 Lackey Old State Rd., Delawara, Olio 43015 | The creamental design for a weathervene support, so shown and described. | | | |
| [**] Time: 14 Years | DESCRIPTION | | | |
| [21] Appl. No.: G_R111 [22] Fibrit Nos. 13, 1996 [31] LOC (6) Ct | FIG. 1 is a prospective view of the weatherwess support of the precess invention; FIG. 2 is a take view of the weatherwess support of FIG. 1; FIG. 3 is a top piew view of the weatherwess support of FIG. 1; FIG. 4 is a bottom view of the weatherwess support of FIG. 1; set. | | | |
| [56] References Citad | FEL 6 is a back and view of the weathervene support of | | | |
| U.S. INTENT DOCUMENTS D. 273,015 4/1944 Mann | FIG. 1. The brokes line showing is for illustrative purposes only and forms so part of the claimed design. | | | |

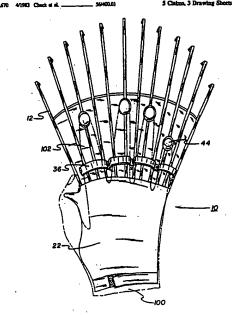




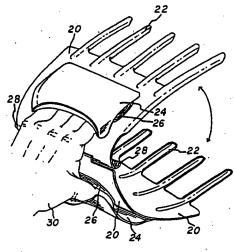
| | ited States Patent (197) | (11) (45) | 4,378,670 Apr. 5, 1983 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| [76] | HAND SCOOP FOR GRASS AND LEAVES Inventors: Mathias M. Casck, 34 Bownson Dr., Greenwich, Conn. 06330; Elis L. Goodby, 22 Barrow Dr., East Greenwich, R.I. 02318 Appl. No.: 182,815 | 1.180.544 11/1939 Nisses 1.344.113 1/1931 Speng | 34/400.01 394/1 3 294/30 294/30 294/30 294/30 394/30 394/30 394/30 |
| [72] | Filed: Aug. 23, 1960 Int. Cl. A01D 7/00 U.S. Cl. S6/400.01: \$6/400.01: \$6/400.01: | Primary Examiner—Peal J. Hirsch Attorney, Agent, or Firm—Alfred E [57] ABSTRACT | . Miller |
| | Pield of Search | A pair of concave accops that are son't hinds which have teeth that seemble leaves, grass elippings, as pile that can be litted for disposal whenlibarrows, or the like. The soc and easily grasped and menuvered up and dispose of any survanted de- | function as rakes to d other debris into I into garbage bags tops are lightweight I into position to li |



| Uı | nited States Patent no | [11] | Pa | ent Number: | 5,609,012 |
|--------------|--------------------------------------------------------------------------------------|----------------------|------------------|------------------------------------------------|-----------------------------------------------------|
| Ant | hes et al. | [45] Date of Patent: | | | Mar. 11, 1997 |
| (54) | RAKING APPARATUS WORN ON A HAND | | 6,972 4,644 | 9/1989 Clark | 36/400.04 172/378 X |
| [76] | Inventors: Peter S. Anthes; Jeanne Anthes, both of S Gem CL, Westerly, R.I. 02891 | Primary | E | iner—Terry Les Mells | 23 |
| (21) | Appl. No.: 529,081 | (57) | | ABSTRACT | |
| [22] | Filed: Sep. 15, 1995 | | | | omprised of a plurality |
| (51) | Int. CL ⁶ A01D 7/06 | Of Perpa | octo | on cordons. The plured | ity of raks portions ere |
| (52 <u>)</u> | U.S. Ct. 56/400.01; 56/400.12; 172/378 | | | | n of the plurality of |
| (SI) | Field of Search 56/400.01, 400.04, 56/400.19, 400.12, 400.21; 172/378; 294/25 | Lebupo | طدر ا بنادیدا | portions. A finger succi of L-shaped cake p | iving portion is secured actions adjacent to the |
| [56] | References Cited | • | | • | |
| | U.S. PATENT DOCUMENTS | | | | |
| | | | | | _ |



| Inited States Patent [19] | [11] Patent Number: 5,359,840 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| ostar | [45] Date of Patent: Nov. 1, 1994 |
| COMBDIATION HANDBARE, SCOOP, GRASPING TOOL AND METHOD OF USE Investor: Docald G. Cestw, P.O. Box 9905, Reco, Nev. 87507-6905 Appl. No.: 177,568 Filled: Jan. 4, 1994 Incl. 2, 1994 | 1.16.191 IL/192 hers |
| 2,94,072 6/1941 Ledbener 294/25 2,923,671 10/1950 Host 294/50, 2,903,121 10/1959 Ros 36/400.00 3,133,211 6/1949 Bloss 172/37 1,543,448 8/1972 Cox 36/400.1 | closed position. |
| | , |



| United States Patent [19] | [11] Patent |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| McKittrick | [45] Date of |
| [54] GARDENING IMPLEMENT HAVING ENHANCED LEVERAGE | 4,644,740 2/19 4,822,087 4/19 4,838,846 13/19 |
| [75] Inventor: Jamie McKlitrick, 4901 Frontense Are., Golden Valley, Minn. 55422 | 5,014,792 S/19 5,177,941 L/19 |
| [73] Assignee: Jame McKlittrick, Golden Valley, Minn. | POREIG 2183-03 6/19 2248034 3/19 |
| [21] Appl. No.: 08/693,345 | Primary Examinar |
| [22] Filed: Aug. 6, 1996 | Attorney, Agent, or |
| Related U.S. Application Data | (57) |
| [63] Continuation-in-part of application No. 08/614,158, Mar. 6, 1996, Par. No. 5,813,206. | A head held garden force for digging are extends from a wool |
| [51] Int. Cl.* | front end of the tool The brace rests on |
| . 172/378; 294/58 [58] Pield of Search | additional force is d urged downwardly i the frame at a point brace. Vertical orien |
| [56] References Clad | comfortable than w |
| U.S. PATENT DOCUMENTS | handle is provided to a meet's hand. The |
| 309,437 12/1814 Caled | working heads, and diverse working he raks, speds, and pr |
| 3,232,355 2/1966 Weekworth . 4,477,114 10/1984 Callis | 3 C |

POREIGN EVENT DOCUMENTS

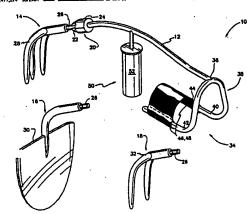
2183CB 4:1987 Unled Kingdon 2945B
284004 3/1982 Unled Kingdon 2945B
28501 ABSTRACT

It had held gardes tool configured to enhance downward
trends from a working element statched to the tool at the
trends from a working element statched to the tool at the
tool and the state of the tool and the state
the bross rests on the star's writs or breast. So
the bross rests on the star's writs or breast. So
the distinguil fact is developed when the working appends from
the gold downwardly last to ground. Acking elements and the
tends at a point three breasts.

Aug. 17, 1999

The brace rests on the star's wrist or breatm, so that additional brace is developed when the working element is urged downwardly into the ground. A bandle depends from the frame at a point between the working element and the brace. Nettical orientation of the handle is more natural and comfortable that a would be a bortioncal orientation. The handle is provided with a molided grip for cooperating with a user's hand. The tool has a churck for accepting diverse working hands, and putfortably is provided with a plansitive of diverse working heads, and putforably in provided with a plansitive of diverse working heads. Exemplary working heads include rake, apade, and pry.





[34] HANDSAW WITH SPECIALIZED CUTTING

[21] Appl No.: 915,589

Jan. 15, 1970

B27B 21/00 -- 149/31 R; 76/112 -- 143/31 R; 76/112

U.S. PATENT DOCUMENTS

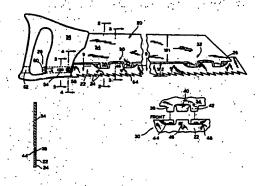
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[45]

4,180,110

Dec. 25, 1979

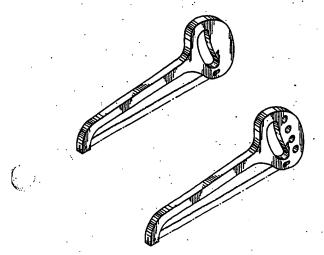


United States Patent [19] Nelson

14 Years [21] Appl No. 10,342

U.S. PATENT DOCUMENTS

[11] Patent Number: Des. 305,296 [45] Date of Patent: .. Jan. 2, 1990



United States Patent (19)

Fodor

[34] COMBINATION CROSS AND RIP OUT HANDSAW [75] Inventor: William G. Peder; Elaira, Va. [73] Assignee: Sandvik, Inc., Greensboro, N.C. [21] Appl. No.: 131,462

B27B 21/00 145/31 R 143/31 R, 31-AC, 31 AD ences Clind

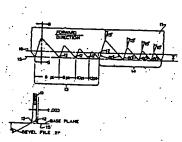
U.S. PATENT DOCUMENTS 1,919,742 7/1933 Roberts . 1,741,379 4/1936 Species . 1,003,478 10/1961 Lavience .

May 5, 1981 [45] r-J. T. Zaturga Firm-B. B. Olive

4,265,285

ABSTRACT





(12) United States Patent

(54) PLUNGE DRYWALL, SAW

(75) Inventor: Robert P. Beckta, McHeary, IL (US)

This patent issued on a continued pros-ecution application filed under 37 CFR 1.53(d), and is subject to the recenty year patent term provisions of 35 U.S.C. 154(a)(Z).

patent is extended or adjuste U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/375,468

(22) Filed: Aug., 14, 1999

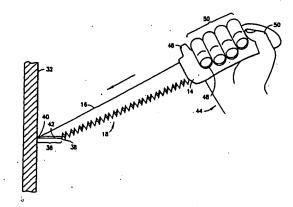
Ibs. Cl.'. U.S. Cl. . Fleid of S 20/355; 30/144; 30/514 30/355; 357, 340, 30/317, 514, 144

U.S. PATENT DOCUMENTS 1,171,241 A * 2/1916 Peter .

US 6,357,122 B2 *Mar. 19, 2002

(10) Patent No.: (45) Date of Patent:

ABSTRACT (57)



[11] Patent Number. [45] Date of Patent:

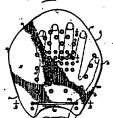
4,913,418 Apr. 3, 1990

| (34) | DAPROVI | MENT |
|-------------|-----------|-----------------------------------------------------------------------------|
| [75] | (avestors | Nancy J. Schlaster, Phoenix; Rossie L. Johnson, Scottschie, both of Ariz |
| [73] | Anipot: | Spendatop, Inc., Phocnis, Arts. |

[21] Appl No.: 274,347

POREIGN PATENT DOCUMENTS

Not Round, Not Rigid. No Cut out grip.



Not stable at 120 mph. Not stable in White Water. Silly holes reduce efficancy.

| United | States | Patent | [19] |
|---------|--------|--------|------|
| Liveoak | | | |

5.842.896 [45] Date of Patent: Dec. 1, 1998

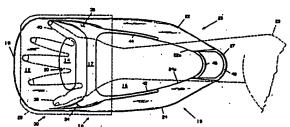
[54] HAND OPERATED PADDLE [76] Inventor: Telmedge W. Livensk, 501 E Dr., Medison, Als., 15758

[21] Appl. No.: 359,562

ABSTRACT

[63] Continuation in past of Sec. No. 12,294, Aug. 30, 1903, Pts. No. Dec. 333,579. ____ A63B 31/10 __ 441/56; 440/101 earch ______ 440/101; 441/55, 441/56, 58; 416/70 R; D12/215; D21/239

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In No longer taking these introde

USO05511998A

United States Patent [19]

(45) Date of Patent:

Apr. 30,/1996

(34) SWIMMER TRAINING FADRUE

on/2538 N. 65th St.

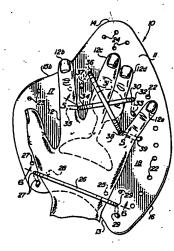
[21] Appl. No.: 502,630 [22] Filed: Jul. 14, 1995

[51] Int. CL* ______ [52] U.S. Cl. _____ [58] Field of Search . AGJB JIVIS

441/58; 441/58 earth 441/58, 56, 51, 441/58, 59, 60, 61, 62, 63, 64; D21/236, 237, 238; 434/234

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14 Claims, 1 Drawing Sheet



useless over 30 m No ergo Nismically correct cut out ar

(12) United States Design Patent (10) Patent No.: US D439,299 S Chiang (45) Date of Patent: • Mar. 20, 2001

(54) SWIMMING OAR

(76) Inventor: Berman Chiang, 11-27, No. 634-9 Ching-Ping Rd., Chung-Ho City Taipei Haise (TW)

14 Years (21) Appl. No.: 29/124,906

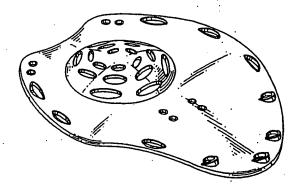
Jun. 6, 2000

__ D21/897; D21/803

D21/807, 803; 441/35-58, 60-64

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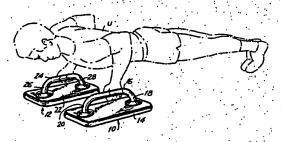


My dog loves these things, (

| | | | | ٠ | |
|-----------|--------|--------|------|---|--|
| United | States | Patent | [19] | | |
| Rozenblad | | | ٠ | | |

| [54] | MULTIPL | E USB EXCERCI | SING | DEÁS | |
|------|-----------|----------------------------------|------|--------|---------|
| [76] | investor: | William L. Box St., New York, | n.Y. | 401· V | V. 56th |
| [21] | Appl No.: | 234,830 | | : | : . |
| [22] | Filed: | Feb. 23, 1981 | | | |

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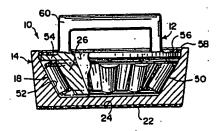
5,358,463 Oct. 25, 1994

[74] Inventor: Jesse Passins, 12 South Rd., Co Islip, N.Y. 11722 [21] Appl. No.: 952,595 (22) Filed: Sep. 28, 1992

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United States Patent [19]

Fuentes.



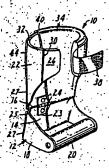
United States Patent 419

C. 272/19, 272/6, 272/19, 272/43
of Search 272/19, 67, 44, 143, 272/14, 122, 94, 121/75, 272/18 A, 94 B

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| ٠. | 1,570,305 | 7/1976 | Hewites. | `~ ` | 273/34 B |
| ٠, | | | | | ≟ 273/W3 X |
| • | | | | | 273/34 B |
| | | | | | — <u>,‱</u> ≀n |
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| • | 4 231 011 | 4000 | STATE OF THE PARTY. | | 20/16 |
| | | | | | |

[11] Patent Number: 4,585,228 [45]. Date of Patent:

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United States Patent (19)

tor: Robert Cleis, 190 Oak Ave., Island Heights, N.J. 08732

[22] Flict Sep. 13, 1994

[51] Int. CL* AAID 3/16, AAID 19/10 [52] U.S. CL 27/16; 27/16; 27/16 [53] Field of Search 27/16, 159, 160, 27/161.1, 162, 20; 27/3/7/2; 482/44, 103,

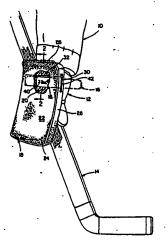
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| 4,330,120 | 5/1982 | Netti | ו ממדב. |
| 4,771,943 | | Post, & | |
| 4334,714 | 3/1903 | Kimen | 40710 |
| 4.396,190 | W1903 | Williams | וממצ . |
| 4,677,693 | 7/1347 | Anger | _ 27.61. |
| 4.684,123 | 8/1987 | 7477 | 2/16 |
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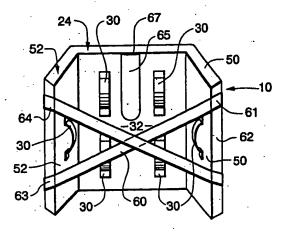
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3 Claims, 2 Drawing Shorts



5,501,649 nited States Patent (19) [11] Patent Number: Mar. 26, 1996 [45] Date of Patent: [54] MARTIAL ARTS TRAINING PAD AND BLOCKING SHIELD OTHER PUBLICATIONS [31] Appl. No.: 329,415 (22) Filed: Oct. 27, 1994 [51] Ist. Ct.* ASIB 69/26 [52] U.S. Ct. 482/41; 442/47; 442/46 [53] Fleid of Search 434/247, 251; 482/48, 87, 26, 81; 279/35 A, 35 R, 37.3 ABSTRACT References Cited U.S. PATENT DOCUMENTS 1,04,987 11/1912 Completi , 2,239,223 4/1941 Olloans ... 2,232,217 10/1930 Olloans ... 3,062,347 11/1940 Kopp ... 3,739,313 9/1977 Corchs ... 3,644,090 2/1975 De Sandi -4,478,403 10/1948 Herckow ... 4,454,046 10/1948 Segum ... 4,357,477 12/1985 Concesses of 9 Claims, 2 Drawing Sheets



6.036.602

Mar. 14, 2000

| Omited | States | гисиц | [19] |
|--------|--------|-------|------|
| Abbott | | | |
| | | | |

Illnitad States Detant

[54] FULL CONTACT MARTIAL ARTS SPARRING INSTRUMENT

pror: Dune G. Abbutt, 4905 E. Beverly La., Phoenix, Ariz, 25032

[21] Appl. No.: 09/274,543 (22) Filed: Mar. 23, 1999

(51) Int. CL7 _____ (52) U.S. Cl. ____ [58] Field of Search ... ___ F41A 3V00; A63H 3V30 __ 46347.2; 46347.7; 487/12 _____ 46347.2, 47.6, 46347.7; 482/12, 109

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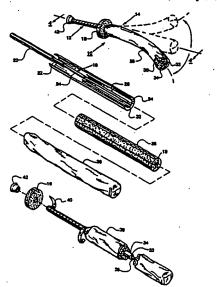
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[45] Date of Patent: 5,324,227 6/1994 Yesh-Ching . 5,630,996 5/1997 Persons .

(13) Patent Number:

uleer—William M. Picros nt, or Firm—Frunk I. McClus



United States Patent [19] Gonzalez

[54] MARTIAL ARTS TRADIING DEVICE or: Richard J. Genzalez, HC 30, Box 833, 4260 Coyon Guich, Prescott, Arix. 84301

14 Years

[21] Appl. No.: 29/101_235

[22] Filed: Mat. 1, 1999

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1/1982 Kpo 10/1990 Gille 4/1978 Kpo 10/1984 Breck 10/1988 McL

[11] Patent Number: Des. 420,413

[45] Date of Patent: .. Feb. 8, 2000

Emmher-Philip S. Hyder Agent, or Firm-Richard R. Mybeck

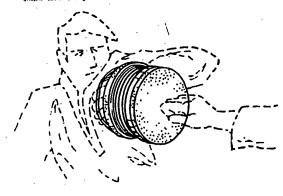
CLAIM

al design for a martial arts training device, as

DESCRIPTION

FIG. 1 is as inconstric showing of a martial arts training device showing my new design; FIG. 2 is a rest elevation thereof; FIG. 3 is a top view thereof; FIG. 4 is a side slewation thereof, both sides being generally the same screep that one is the mirror image of the other; FIG. 5 is a bound view thereof; and, FIG. 5 is a fronted slewation thereof. The brokes like portions of the FIG. 1 drawing are for illustrative purposes only and form no part of the claimed desire.

1 Chim. 1 Drawing Sheet



(SS) Field of Search _______ 482/60, 88, 84-87; 2/16, 161 R, 2, 69-5; 602/14, 20, 18, 21,

U.S. PATENT DOCUMENTS

(12) United States Patent

Norblom

(10) Patent No.: US 6,325,747 B1 (45) Date of Patent: *Dec. 4, 2001

(54) MARTIAL ARTS TRAINING DEVICE

(75) Inventor: Terry Lee Norbioss, St. Louis Park, MN (US)

Subject to any disclaimer, the term patent in extended or adjusted to U.S.C. 154(b) by 0 days.

(21) Appl. No.: 89/416,294

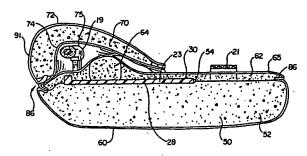
Oct. & 1999

__ A63B 21/02; A41D 13/08 __ 462/63; 462/68; 462/124 (51) Int. Ct." (52) U.S. Ct.

Continuation of application No. CNCD4,534, Sted on M 1998, now Pat. No. 3,944,663.

(57)

cited by exam



United States Patent [19] Robinson

(54) SNOWMOBILER'S AVALANCHE SHOVEL

(21) Appl. No.: 784,468

Sep. 3, 1994

294/51; 294/57; 224/408 294/9, 51, 54.5. 294/57, 59; 224/403, 405, 403

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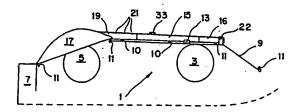
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3,272,149 12/1943 Michelmon ..
3,980,217 97.976 Yecken ...
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4,703,430 10/1977 Belonger ...
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Oct. 21, 1997

iiii Patent Number:

(43) Date of Patent:

or-Don Kraser or Fine-Passe & Tr McGlynn; Thomas Zack ABSTRACT



(12) United States Patent Watts

(10) Patent No.: (45) Date of Patent:

US 6,446,368 B1 Sep. 10, 2002

| (54) | DINOVATIVE INCLINED PLANE IL ENGAGING TOOL | ARTH |
|------|-----------------------------------------------|------|
| | ENGAGING TOUL | |

(75) to oc: Cleat T Watts, Dallas, TX (US)

(73) Assignos: Cleal Watts

(21) Appl. No.: 09/417,963

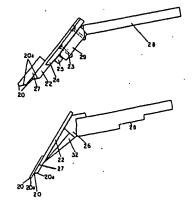
Ócs. 13, 1999 (22) Filed:

(22) Filed: Solution (S1) Ist. C.Y. E02F 9/28 (S1) Ist. C.Y. Tilde (S2) U.S. C.Y. Tilde (S3) U.S. C.Y. Tilde (S4) Solution (S5) Field of Search Tilde (S6) Field of Search Tilde (S6) Filed (S6) Tilde (S6) Tilde

(56)

U.S. PATENT DOCUMENTS

(57) ABSTRACT



[11] Patent Number:

[45] Date of Patent:

United States Patent (19) SL Jeor

[75]

Innovations de Jeor, LLC, Salt Lake City, Utah

[21] Appl. No.: 09/383,868 [22] Filed: Aug. 26, 1999

Related U.S. Application Data est of application No. 09/160,649, Sep. 25, ... E01H 5/02

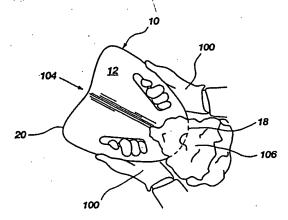
[51] Int. CL." _____ [52] U.S. CL. ____ [58] Field of Search 294/54; 37/285 17th 294/1.1, 1.3, 54.5, 294/52; 248/99; 37/365, 278, 284, 285; 141/10, 108, 109, 114, 314

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6,113,168

Sep. 5, 2000

ABSTRACT



(12) United States Patent

Michaud

(54) ONE HANDED SHOVEL POR HANDICAPPED

(73) A Springvale, ME (US)

Subject to any disclaimer, patent is extended or adj U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/981,067 (22) Filed: Oct. 18, 2001

(51) Ins. Cl.¹ (52) U.S. Cl. (58) Field of . B25G 1/06; A01B 1/22 . 294/58; 294/25; 16/430 294/25, 57–59; 16/422, 426, 430

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(10) Patent No.: (45) Date of Patent: Oct. 15, 2002

. 1 Claim, 3 Drawing Shoots



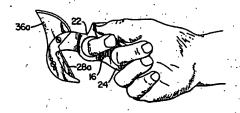
[11] 3,839,788. (45) Oct. 8, 1974

| [54] | EVISCERA | TING A | ND SKI | NNING | KNIFE |
|------|-----------|--------|---------|-------|--------|
| [76] | inventor: | | Addb. 1 | | y Dr., |

[22] Filed:

[21] Appl. No.: 264,260

[56] UNITED STATES PATENTS 3/1992 Walker ... 12/1906 Eckley ... 3/1922 Augusts 9/1959 Cromogs 3/1966 Capps ... B/1941 Doreas...



[11] Patent Number: Des. 348,380 [45] Date of Patent: .. Jul. 5, 1994

(54) BLUNT NOSE KNIFE [76] Inventor: Charles Allen, 602 E. 49th St., Austin, Ten. 78751

United States Patent [19]

Allen

[21] Appl. No.: 8,763 May 25, 1993

Filed: May 23, 1993
U.S. Cl. _______ D7/649
Fleid of Search ______ D7/649, 642, 645, 630, D7/632, 664; 30/147-149, 346, 346.53, 346.56 References Clini U.S. PATENT DOCUMENTS

al design for a blust o DESCRIPTION

FIG. 1 is a right perspective view of the

ext invention;
FIG. 4 is an elevational right side view of the
brifs of the present invention;
FIG. 5 is a front view of the blust nose he

» a prose view of the blust none kail present investion; FIG. 6 is a rear view of the blunt nose kail present invention; FIG. 7 is an elevational left side view of the bl mails of the present investion; and, FIG. 8 is a bottom view of the blunt none kni present invention.



United States Patent [19] Schrock et al.

(11)

4,087,911 May 9, 1978

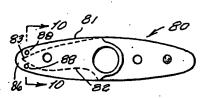
[54] . FINGER HOLE KNIFE

[21] Appl No.: 633,850 [22] Filed: Nov. 20, 1975

[31] Jan CU [32] U.S. CL

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[57] ABSTRACT



(12) United States Patent De Luccia

(10) Patent No.: (45) Date of Patent:

US 6,378,745 B1 Apr. 30, 2002

(54) KNIFE HOLSTER POR A HAND Dominic B. De Luccia, 1842 Co Ava., Bross, NY (US) 10462

(*) Notice: Subject to any dischaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/663,128 . (22) Filed: Sep. 15, 2000

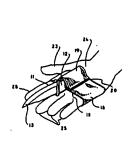
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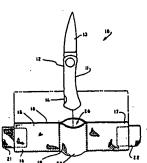
224/218, 219, 224/222, 232; 30/160

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11 Claims, 2 Drawing She





(11) 3,964,697

[45] June 22, 1976

| [54] | DEPLOYABLE WING BACK PACK | |
|------|--------------------------------|--|
| (251 | Investor Visit W Mars Mismi Ds | |

Apr. 30, 1975

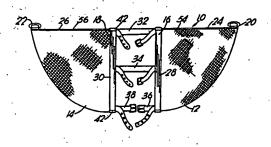
[21] Appl. No.: 573,134

[52] U.S. Cl. 244/44; 244/138 R; 244/145 [51] Int. Cl. B64C 31/04 [58] Field of Search 244/143, 147, 64; 16, 244/135 R, 142, 151 R

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ABSTRACT

ny the ted by the arm



[11] Patent Number:

United States Patent (19)

Yamanaka

Nov. 14, 2000

[54] THROWING GOOD FOR USE IN SKY DIVING

[21] Appl. No.: 09/260,012

(22) Filed:

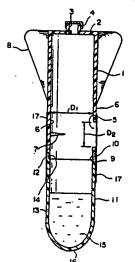
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ABSTRACT

[45] Date of Patent:

use in alty diving, in back body, a strugh

1 Claim, 5 Drawing 5h



United States Patent [19]

[54] JUMPING GARMENT FOR A PARACEUTEST [75] Inventor: Marcel Prayes, Clichy, Prance

[73] Assignos: Etudes et Fabrications Acronautiques, Paris, Pr

[22] Filed: Dec. 11, 1974 [21] Appl. No.: 531,668

Dec. 19, 1973 Prance____

2/79 1 A4ID 13/02 of Search 2/DIC. 1, 69, 79, 80, 2/81, 82, 2.1, 227; 244/143, 146, 142 R

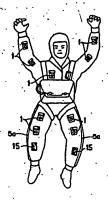
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[45]. July 20, 1976

111) 3,969,772

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(12) United States Patent Mason

(10) Patent No.: US 6,368,112 B1

Apr. 9, 2002 (45) Date of Patent:

(54) SKY DIVING TRAINING DEVICE

or: Jeffrey S. Mason, 13083 He DeSots, MO (US) 63020

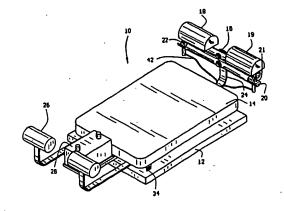
(21) Appl. No.: 09/606,733

(22) Filed: Jun. 28, 2000

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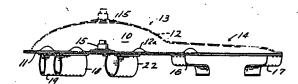
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| Finds | 7, Obio | Primary Examina Assurary—Oven | v—L. W. Trapp & Owen |
| | | ABSTRACT: As | inflatable splint for e |
| (54) INFLATABLE DE THERAPY 13 Claims, 6 Draw | vice for arthritic | chambes extendi with one surface the option is infla | of the wearer. The hg over the hand and which assemes a pix ad. The one surface secret of the wearer a |



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| (74) | | Thomas R. Hollerbach, 2716 Stevens Ave., South, Minnespolis, Minn. 13408 | 4,340,042 7/1982 | Capina |
| [21] | Appl No. | 229,335 | 4,619,230 10/1996 | Hangawa 121/ |
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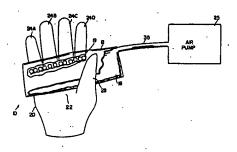
| 72) | Filed: Ang. 1, 1988 |
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| (51) | Int. C1 |
| [52] | U.S. Cl121/04(121/44) |
| [58] | Field of Search 128/64, 65, DIG. 20, 128/24 R, DIG. 10, 160, 26, 157, 381, 165, 44 |
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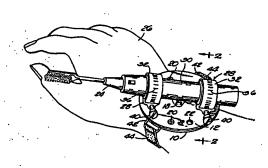
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(11) 3,942,194

145) Mar. 9, 1976

| Capitol Drive, Milwauker, Wis. 33222 [22] Filed: Aug. 30, 1974 [21] Appl. No.: 501,950 [32] U.S. Ct | [54] | PROSTH | ETIC DEVICE FOR HANDICAPPED |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------------------|
| [21] Appl. No.: 501,950 [52] U.S. Cl | [76] | laventor: | Capitol Drive, Milwauket, Wis. |
| (52) U.S. Ct. 371; 3/12.8; 401/2 (51) Isa. Ct. A617 1/00; A617 1/00 (51) Pielo of Search 3/12, 12.3, 1; 401/6, 8 Reference Cled UNITED STATES PATENTS | [22] | Filed: | Aug. 30, 1974 |
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[45] Date of Patent: Nov. 7, 1995

[54] ATTACEMENT FOR ARTIFICIAL ARM PROSTHETIC DEVICE

United States Patent [19]

Farquharson et al.

| [76] | | Romald H. Farquharson, Riz. 1, Bon 3866 CR 628, Brazoria, Tea. 77422; Danny P. Selli, Riz. 5, Bon 5, Angleso Ten. 77515 |
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| [21] | Appl. No.: 216,624 |
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| [22] | Filed: Mar. 23, 1994 |
| [51] | Int. Cl.* A617 2/54; B25J 17/0 |
| (52) | U.S. Cl 623/65; 623/61; 623/62 |
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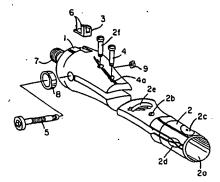
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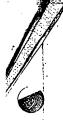
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United States Patent [19] Obson

[34] PAINT EQUIPMENT CLEANING TOOL

[76] Inventor: Sven O. Olmon, 7951 Chicago Ave. South, Minnespolis, Minn. 5M20

[21] Appl No.: 141,065

[22] Filed: Apr. 17, 1980

Bi4D 3/00 15/234 R; 15/104.04; 15/105; 15/245 15/257 R, 236 R, 103, 15/111, 104.04; 243, 401 (58) Field of Search ...

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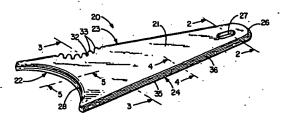
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(11)

4,324,018

Apr. 13, 1982

ABSTRACT



(iii) Patent Number: Des. 386,372

[45] Date of Patent: •«Nov. 18, 1997

(34) TOOL Sherman L. Weles. 11360 She Way, Sun Valley, Calif. 91352

[""] Term: 14 Years

United States Patent (19)

[71] Appl. No.: 55,782

Weiss

[22] Fliet: Jan. 13, 1996

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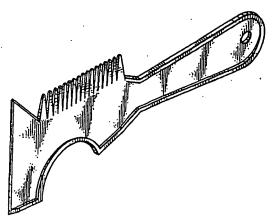
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CLADA stal design for a tool, as sh

DESCRIPTION

1 Claim, 1 Drawing St



United States Patent [19]

Casab

[11] Patent Number: Des. 312,379

[54] ERGONOMIC PUTTY ENTRE [76] Inventor: Salvador S. M. Casab, Xochicalco #718, Mexico D.F., Mexico, 03650 [**] Term: 14 Years [21] Appt No. 923,134
[22] Filed: Oct. 23, 1986
[37] U.S. Ct. D&/95, D&/107
[38] Fileds of Search DA/97-100,
D&/107; D22/118; D7/130, 151; 30/314, 313,
317, 162, 329, 83, 337

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[45] Date of Patent: .. Nov. 27, 1990 Buffalo/Novocot/Lackets, Cat. \$109, pebl. 1986, p. 51. Henry Scheia, Inc., Pall '86-Winter '87 Cat., p. 184. Spencer Mead Dental, Inc., Winter '83-'86 Cat., p. 181. Primary Examiner—Bruce W. Dunkins
Assimat Examiner—Clare E. Heflin
Attorner, Agent, or Firm—Silverman, Cass & Singer,
Ltd. [57] The ornamental design for ergonous stantially as shown and described. DESCRIPTION PIO. 1 is a rear, left side perspective somic putty imife of the invention;





United States Patent [19]

Panaccione et al.

1.

(SI) PUTTY KNOTE AND SCRAPER HANDLE ors: Mark Thouas Panaccione, 12932 SW, Bradley La, Tgard, Oreg. 97224; Donald Paul Cammings, 19 Old Village Rd., Surbridge, Mass. 01566

[21] Appl. No.: 08/924,758 [22] Filed: Sep. 10, 1997 [53] Int. Ct.⁴ A471, 13/022 [52] U.S. Ct. 15/256.01; 15/43.1; 16/11 R; 26/17.1 [53] Field of Scarch 15/43.1, 23.4, 23.4, 23.4, 247, 260

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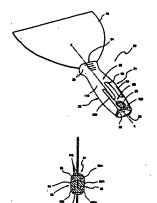
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ABSTRACT

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20 Claims, 14 Drawing She



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